

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address Hilcorp Energy Company 382 Road 3100 Aztec, NM 87410		² OGRID Number 372171	
		³ Reason for Filing Code/ Effective Date RC	
⁴ API Number 30-039-20805	⁵ Pool Name Blanco-Mesaverde (Prorated Gas)		⁶ Pool Code 72319
⁷ Property Code 318470	⁸ Property Name Canyon Largo Unit		⁹ Well Number 252

II. ¹⁰ Surface Location

Ul or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
A	3	25N	6W	1	1150	North	800	East	Rio Arriba

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West Line	County
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date		¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date	

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
248440	Western Refinery	O
151618	Enterprise	G

IV. Well Completion Data

²¹ Spud Date 2/14/1974	²² Ready Date 5/13/2023	²³ TD MD 7469'	²⁴ PBTD MD 7453'	²⁵ Perforations 5127'-5280'	²⁶ DHC, MC DHC-4012-AZ
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	³⁰ Sacks Cement
13 3/4"		9 5/8", 32.3#, H-40		234'	224 cf
8 3/4" & 7 7/8"		4 1/2", 10.5 & 11.6#, K-55		7469'	1898 cf
		2 3/8", 4.7#, J-55		7353'	

V. Well Test Data

³¹ Date New Oil N/A	³² Gas Delivery Date 5/13/2023	³³ Test Date 5/13/2023	³⁴ Test Length 24 hrs	³⁵ Tbg. Pressure 340 psi	³⁶ Csg. Pressure 700 psi
³⁷ Choke Size 16/64"	³⁸ Oil 0	³⁹ Water 11 bwpd	⁴⁰ Gas 234 mcf/d		⁴¹ Test Method Flowing

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: Kandis Roland		OIL CONSERVATION DIVISION Approved by: <i>PATRICIA MARTINEZ</i>	
Printed name: Kandis Roland		Title: <i>PETROLEUM SPECIALIST</i>	
Title: Operations Regulatory Tech Sr.		Approval Date: <i>5/24/2023</i>	
E-mail Address: kroland@hilcorp.com			
Date: 5/16/2023	Phone: (713) 757-5246		

Well Name: CANYON LARGO UNIT	Well Location: T25N / R6W / SEC 3 / NENE / 36.432404 / -107.447968	County or Parish/State: RIO ARRIBA / NM
Well Number: 252	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078885	Unit or CA Name: CANYON LARGO UNIT--DK	Unit or CA Number: NMNM78383D
US Well Number: 3003920805	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Subsequent Report

Sundry ID: 2731262

Type of Submission: Subsequent Report

Type of Action: Recompletion

Date Sundry Submitted: 05/16/2023

Time Sundry Submitted: 02:14

Date Operation Actually Began: 03/03/2023

Actual Procedure: Recompleted Mesaverde and commingled with existing Dakota. Please see attached operational reports.

SR Attachments

Actual Procedure

Canyon_Largo_Unit_252_RC_Subsequent_Sundry_20230516141404.pdf

Well Name: CANYON LARGO UNIT	Well Location: T25N / R6W / SEC 3 / NENE / 36.432404 / -107.447968	County or Parish/State: RIO ARRIBA / NM
Well Number: 252	Type of Well: CONVENTIONAL GAS WELL	Allottee or Tribe Name:
Lease Number: NMSF078885	Unit or CA Name: CANYON LARGO UNIT--DK	Unit or CA Number: NMNM78383D
US Well Number: 3003920805	Well Status: Producing Gas Well	Operator: HILCORP ENERGY COMPANY

Operator

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a

Operator Electronic Signature: KANDIS ROLAND

Signed on: MAY 16, 2023 02:14 PM

Name: HILCORP ENERGY COMPANY

Title: Operation Regulatory Tech

Street Address: 382 Road 3100

City: Farmington

State: NM

Phone: (505) 599-3400

Email address: kroland@hilcorp.com

Field

Representative Name:

Street Address:

City:

State:

Zip:

Phone:

Email address:

BLM Point of Contact

BLM POC Name: MATTHEW H KADE

BLM POC Title: Petroleum Engineer

BLM POC Phone: 5055647736

BLM POC Email Address: MKADE@BLM.GOV

Disposition: Accepted

Disposition Date: 05/18/2023

Signature: MATTHEW KADE

Canyon Largo Unit 252
API # 30-039-20805
Recomplete Subsequent Sundry

3/3/23 SIBHP- 0, SITP- 64, SICP- 64. MIRU. BWD. ND WH, NU BOP. PT BOP, good test. SDFN.

3/6/23 SIBHP- 0, SITP- 200, SICP- 200. BWD. TOO H while scanning tbg. TIH w/ mill to 7153'. TOO H w/ mill. SIW. SDFN.

3/7/23 SIBHP- 0, SITP- 0, SICP- 190. BWD. TIH and set **CIBP @ 7125'**. LD tbg. Load & PT csg to 600 psi. Good Test. LD tbg. RU WL. RIH run CBL from CIBP to surface. SIW. SDFN. **CBL reviewed by Monica Kuehling, NMOCD & Kenny Rennick, BLM. Received verbal approval to adjust perf range to 4400'-5280'.**

3/8/23 SIBHP- 0, SITP- 0, SICP- 0. RU wellcheck. Conduct MIT 610 psi for 30 min witness by Lenny Moore, OCD. Good test. RIH & set **CBP @ 5330'**. POOH. RD WL. PT csg to 4000 psi. Test failed. NU WH. SIW. SDFN.

3/9/23 SIBHP- 0, SITP- 0, SICP- 0. RIH and set pkr @ various depths to isolate leak at 265'-290'. SIW. SDFN. **Received verbal approval from Monica Kuehling, NMOCD & Kenny Rennick, BLM to cut casing below hole, run an overshot to latch back onto the good casing and replace the top 300' of casing. COAs given – MIT required after casing reset, BH test prior to MIT. Additional BH tests at 30 days, 6 months & 1 year after rig move.**

3/13/23 SIBHP- 0, SITP- 0, SICP- 0. RIH & cut csg @ 330'. ND BOP & WH. Attempt to spear csg. Slips appear to be stuck. NU BOP and tbg head. SIW. SDFN.

3/14/23 SIBHP- 0, SITP- 0, SICP- 0. ND BOP & tbg head. Spear into 4.5" for support. Release spear. NU tbg head. SIW. SDFN.

3/15/23 SIBHP- 0, SITP- 0, SICP- 0. ND tubing head, NU BOP. Spear 4.5" and pull to surface. LD 8 jts & one partial jt of csg. Found csg parted. RIH w/ spear and engage fish. SIW. SDFN.

3/17/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ mill. Circulate down to csg. Tag @ 327'. TOO H w/ mill. SIW. SDFN.

3/18/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ impression block. TOO H w/ block. RIH w/ magnet. Tag csg top. TOO H w/ magnet. SIW. SDFN.

3/19/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ mill to 321'. Circulate clean. SIW. SDFN.

3/20/23 SIBHP- 0, SITP- 0, SICP- 0. RIH, tag @ 286'. C/O well. SIW. SDFN.

3/21/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ mill to 298'. C/O well. SIW. SDFN.

3/22/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ mill. C/O well to 329'. Drill collars. Rih w/ Overshot. TOO H. RIH w/ 4.5 csg replacement. Latched onto csg. PT csg. Bad test. Attempted to engage packoff. SIW. SDFN.

3/23/23 SIBHP- 0, SITP- 0, SICP- 0. Attempted to packoff lower onto csg. Able to get 9" of movement. PT csg to 600 psi. Good test. SIW. SDFN.

3/24/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ tapered mill & tag @ 328'. Rotate to clean hole to surface. TOO H w/ mill. RIH w/ notched collar. Tag @ 328'. Wash down to top of RBP. TOO H. RIH w/ tapered mill. Tag @ 328'. PT csg. Good test. SIW. SDFN.

3/27/23 SIBHP- 0, SITP- 0, SICP- 0. RU wellcheck. Conduct MIT 580 psi for 30 min witness by Lenny Moore, OCD. Good test. SIW. SDFN.

3/28/23 SIBHP- 0, SITP- 0, SICP- 0. RIH & tag @ 5279. C/O well. RU WL RIH & perf **Mesaverde** w/ .33" diam. 1 SFP @ 5127', 5130', 5135', 5142', 5150', 5165', 5174', 5185', 5194', 5199', 5206', 5212', 5219', 5233', 5241', 5252', 5257', 5264', 5274', 5280'= **20** holes. RD WL. SIW. SDFN.

3/29/23 SIBHP- 0, SITP- 0, SICP- 0. RIH w/ frac string. ND BOP. NU Frac Stack. PT to 5000 psi. Good test. SIW. SDFN.

5/6/23 SIBHP- 0, SITP- 0, SICP- 0. RU WL. RU Frac crew. Mesaverde (5127' – 5280') Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 54,894 gal of 70 Q slick water, 155,000# 20/40 sand, 1.87M SCF N2. SIW. SDFN.

5/9/23 SIBHP- 0, SITP- 1500, SICP- 0. MIRU. BWD. ND Frac Stack, NU BOP. PT BOP. Good Test. TOOH w/ frac string. SIW. SDFN.

5/10/23 SIBHP- 0, SITP- 0, SICP- 400. BWD. RIH w/ mill & tag @ 5275'. C/O well. D/O **CBP @ 5330'**. C/O well. D/O **CIBP @ 7125'**. C/O well. SIW. SDFN.

5/11/23 SIBHP- 0, SITP- 0, SICP- 820. BWD. C/O well. TOOH. TIH & land 232 jts 2 3/8", 4.7# J-55 **tbg set @ 7353'** with S-Nipple @ 7351'. ND BOP. NU WH. PT tbg to 500 psi. Test Good. RDMO.

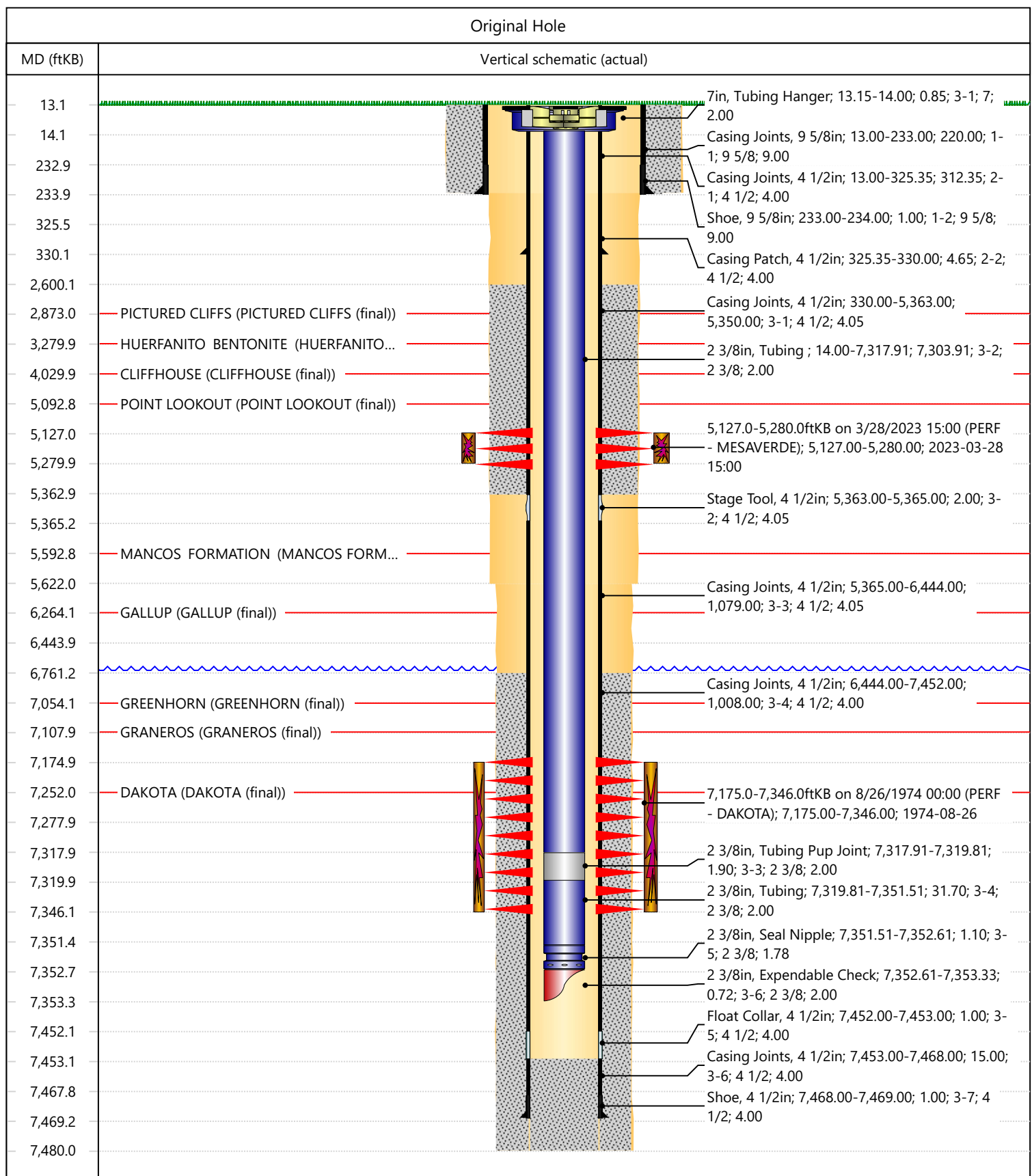
This well is currently producing as a MV/DK Commingle with Gas Allowable C-104 waiting on RC C-104 approval.



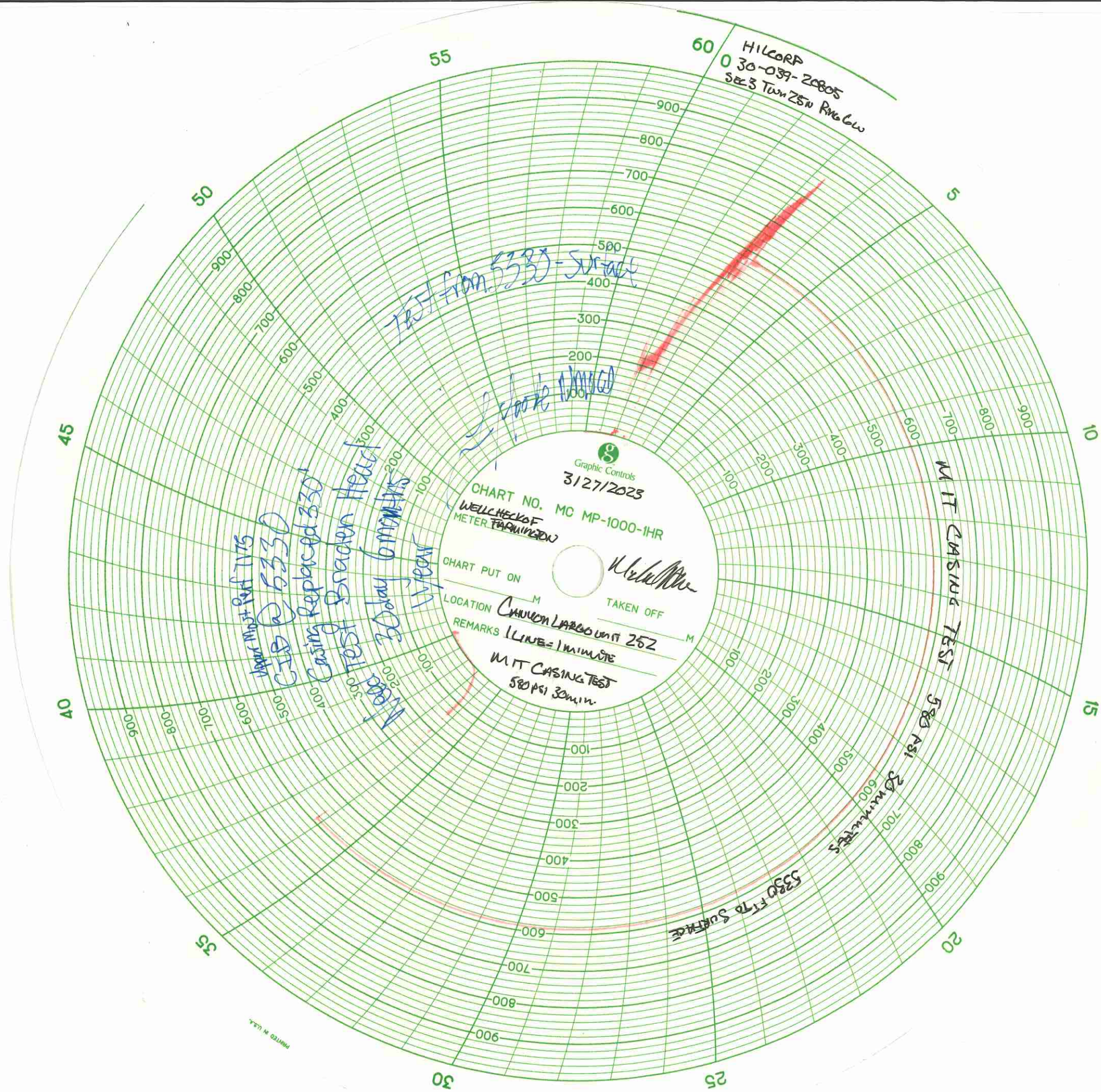
Current Schematic

Well Name: CANYON LARGO UNIT #252

API / UWI 3003920805	Surface Legal Location 003-025N-006W-A	Field Name BASIN DAKOTA (PRORATED GAS)	Route 1405	State/Province NEW MEXICO	Well Configuration Type
Ground Elevation (ft) 6,720.00	Original KB/RT Elevation (ft) 6,733.00	KB-Ground Distance (ft) 13.00	KB-Casing Flange Distance (ft)	KB-Tubing Hanger Distance (ft)	







PRINTED IN U.S.A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2018

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

5. Lease Serial No.

NMSF078885

1a. Type of Well ☐ Oil Well ☒ Gas Well ☐ Dry ☐ Other
b. Type of Completion: ☐ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr.,
Other: RECOMPLETE

6. If Indian, Allottee or Tribe Name

7. Unit or CA Agreement Name and No.
Canyon Largo Unit

2. Name of Operator
Hilcorp Energy Company

8. Lease Name and Well No.
Canyon Largo Unit 252

3. Address
382 Rd 3100, Aztec NM 87410

3a. Phone No. (include area code)
(505) 333-1700

9. API Well No.
30-039-20805

4. Location of Well (Report location clearly and in accordance with Federal requirements)*

At surface Unit A (NENE), 1150' FNL & 800' FEL,

At top prod. Interval reported below **Same as above**

At total depth **Same as above**

10. Field and Pool or Exploratory
Blanco Mesaverde

11. Sec., T., R., M., on Block and
Survey or Area
Sec. 3, T25N, R6W

12. County or Parish

Rio Arriba

13. State

New Mexico

14. Date Spudded
2/14/1974

15. Date T.D. Reached
3/6/1974

16. Date Completed **5/13/2023**
☐ D & A ☒ Ready to Prod.

17. Elevations (DF, RKB, RT, GL)*
6720'

18. Total Depth: **7469'**

19. Plug Back T.D.: **7453'**

20. Depth Bridge Plug Set: MD
TVD

21. Type Electric & Other Mechanical Logs Run (Submit copy of each)
CBL

22. Was well cored? ☒ No ☐ Yes (Submit analysis)
Was DST run? ☒ No ☐ Yes (Submit report)
Directional Survey? ☒ No ☐ Yes (Submit copy)

23. Casing and Liner Record (Report all strings set in well)

Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sk. & Type of Cement	Slurry Vol. (BBL)	Cement top*	Amount Pulled
13 3/4"	9 5/8" H-40	32.3#	0	234'	n/a	224 cf			
8 3/4 & 7 7/8"	4 1/2" K-55	10.5 & 11.6#	0	7469'	n/a	1898 cf			

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
2 3/8"	7353'							

25. Producing Intervals

Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status
A) Mesaverde	5127'	5280'	1 SPF	.33"	20	open
B)						
C)						
D) TOTAL					20	

26. Perforation Record

27. Acid, Fracture, Treatment, Cement Squeeze, etc.

Depth Interval	Amount and Type of Material
5127-5280	Broke well w/ 500 Gal 15% HCL. Foam Frac w/ 54,894 gal of 70 Q slick water, 155,000# 20/40 sand, 1.87M SCF N2
-	
-	

28. Production - Interval A

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
5/13/2023	5/13/2023	24	➡	0	234 mcf	11 bbls	n/a	n/a	Flowing
Choke Size	Tbg. Press. Flwg.	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
16/64"	340 psi	700 psi	➡	0	234 mcf/d	11 bwpd	n/a	Producing	

28a. Production - Interval B

Date First Produced	Test Date	Hours Tested	Test Production ➡	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate ➡	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

*(See instructions and spaces for additional data on page 2)

28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						

Choke Size

Tbg. Press. Flwg. SI

Csg. Press.

24 Hr. Rate

Oil BBL

Gas MCF

Water BBL

Gas/Oil Ratio

Well Status

➡

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			➡						

Choke Size

Tbg. Press. Flwg. SI

Csg. Press.

24 Hr. Rate

Oil BBL

Gas MCF

Water BBL

Gas/Oil Ratio

Well Status

➡

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

Sold

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem test, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
Ojo Alamo	2202'	2376'	White, cr-gr ss	Ojo Alamo	2202'
Kirtland	2376'	2447'	Gry sh interbedded w/tight, gry, fine-gr ss.	Kirtland	2376'
Fruitland	2447'	2873'	Dk gry-gry carb sh, coal, grn silts, light-med gry, tight, fine gr ss.	Fruitland	2447'
Pictured Cliffs	2873'	2929'			2873'
Lewis	2929'	3737'	Shale w/ siltstone stingers	Lewis	2929'
Chacra	3737'	4497'	Gry fn grn silty, glauconitic sd stone w/ drk gry shale	Chacra	3737'
Cliffhouse	4497'	4537'	Light gry, med-fine gr ss, carb sh & coal	Mesaverde	4497'
Menefee	4537'	5098'	Med-dark gry, fine gr ss, carb sh & coal	Menefee	4537'
Point Lookout	5098'	5593'	Med-light gry, very fine gr ss w/ frequent sh breaks in lower part of formation	Point Lookout	5098'
Mancos	5593'	6264'	Dark gry carb sh.	Mancos	5593'
Gallup	6264'	7054'	Lt. gry to brn calc carb micac gluae silts & very fine gry gry ss w/ irreg. interbed sh.	Gallup	6264'
Greenhorn	7054'	7108'	Highly calc gry sh w/ thin lmst.	Greenhorn	7054'
Graneros	7108'	7252'	Dk gry shale, fossil & carb w/ pyrite incl.	Graneros	7108'
Dakota	7252'		Lt to dark gry foss carb sl calc sl sitty ss w/ pyrite incl thin sh bands cly Y shale breaks	Dakota	7252'
Morrison			Interbed grn, brn & red waxy sh & fine to coard grn ss		

32. Additional remarks (include plugging procedure):

This well is currently producing as a MV/DK Commingle per DHC 4012.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.)

☐ Geologic Report

☐ DST Report

☐ Directional Survey

☐ Sundry Notice for plugging and cement verification

☐ Core Analysis

☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print)

Kandis Roland

Title

Operations/Regulatory Technician

Signature

Kandis Roland

Date

5/16/2023

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

Mandi Walker

From: Kandis Roland
Sent: Monday, May 22, 2023 11:08 AM
To: Mandi Walker
Subject: FW: [EXTERNAL] Well Name: CANYON LARGO UNIT, Well Number: 252, Notification of Well Completion Acceptance

From: blm-afmss-notifications@blm.gov <blm-afmss-notifications@blm.gov>
Sent: Monday, May 22, 2023 10:44 AM
To: Kandis Roland <kroland@hilcorp.com>
Subject: [EXTERNAL] Well Name: CANYON LARGO UNIT, Well Number: 252, Notification of Well Completion Acceptance

CAUTION: External sender. DO NOT open links or attachments from UNKNOWN senders.

The Bureau of Land Management

Notice of Acceptance for Well Completion Report

§ Operator Name: **HILCORP ENERGY COMPANY**
§ Well Name: **CANYON LARGO UNIT**
§ Well Number: **252**
§ US Well Number: **3003920805**
§ Well Completion Report Id: **WCR2023052288123**

This notification is automatically generated. Please do not reply to this message as this account is not monitored.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720
District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720
District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170
District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 219200

ACKNOWLEDGMENTS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 219200
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

<input checked="" type="checkbox"/>	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
<input checked="" type="checkbox"/>	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

District I
1625 N. French Dr., Hobbs, NM 88240
Phone:(575) 393-6161 Fax:(575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone:(575) 748-1283 Fax:(575) 748-9720

District III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV
1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 219200

CONDITIONS

Operator: HILCORP ENERGY COMPANY 1111 Travis Street Houston, TX 77002	OGRID: 372171
	Action Number: 219200
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	None	5/24/2023